



2814

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. Of: YOKOYAMA

Serial No.: 08/992,767

Filed: December 17, 1997

For: CONTACT STRUCTURE IN SEMICONDUCTOR INTEGRATE ...

Group: 2814

Examiner: DOUGLAS A. WILLE

DOCKET: NEC 19654 CON

Assistant Commissioner of Patents
Washington, D.C. 20231

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TECHNOLOGY CENTER
#32/G
martha

AMENDMENT H

Dear Sir:

This Amendment is being filed in response to the Official Action mailed
January 10, 2003.

Please amend the Application as follows:

IN THE CLAIMS:

Kindly cancel claims 12, 16, 21, 25, 30, 34, 39 and 43, without prejudice.

Please amend claims 32, 33, 36, 37, 41, 42, 45 and 46 to read as follows:

32. (Amended) A semiconductor device claimed in Claim 31, wherein said refractory
conductive material covers a sidewall surface of said large diameter contact hole to a
predetermined distance in the range of not less than 10% but not greater than 40% of a thickness
of said insulator film.

33. (Amended) A semiconductor device claimed in Claim 29, wherein said refractory
conductive material covers a sidewall surface of said large diameter contact hole to a
predetermined distance in the range of not less than 10% but not greater than 40% of a thickness
of said insulator film.

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